

A gastight-sealed alkaline nickel/metal hydride storage battery in the form of a button cell having positive and negative electrodes which are arranged in the cell case and separated by a separator. Both electrodes have a support and conductor framework, which consists of a porous metal foam or metal felt, the positive electrode having a metallic region which is free of active material on the side bearing against the cell case. This region which is free of active material extends over 5 to 15%, preferably 10%, of the total thickness of the electrode. At least one of the electrodes has a central cut-out, the volume of which is 5 to 20%, preferably approximately 10%, of the electrode volume.